Index of Claims

| Application | n/Control No. |
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09/702,576

DUREE ET AL.

Examiner

Art Unit

Reexamination

Applicant(s)/Patent under

Phirin Sam

2616

Rejected **Allowed** 

(Through numeral) Cancelled

Non-Elected N

**Appeal** 

Restricted Interference 0 Objected

| Cla      | aim                        | Γ  |          |              | - 1  | Dat      | <u> </u> |              |              |              |
|----------|----------------------------|--|----------|--------------|--|----------|----------|--------------|--------------|--------------|
|          |                            | <del>                                     </del> | Т        | Г            | T  | Γ        | Ĺ        | П            | Т            | П            |
| Final    | Original                   | 5/14/06  |          |              |  |          |          |              |              |              |
|          | 1                          | ✓  | П        |              | Г  |          |          |              | П            |              |
|          | 1<br>2<br>3<br>4<br>5      | > - > > 0 0 0 0                                  |          | Г            |  | İ        |          |              |              |              |
|          | 3                          | 1  |          |              | T  | Ħ        | T        |              |              |              |
|          | 4                          | 1  | H        | $\vdash$     | <del>                                     </del> | ┢        | $\vdash$ | ┪            | H            | $\vdash$     |
|          | -5                         | <u> </u>   | -        | $\vdash$     | $\vdash$   | $\vdash$ |          | $\vdash$     | ├            | <del> </del> |
|          | -6                         | 5  | $\vdash$ | $\vdash$     | $\vdash$   | Ͱ        | ⊢        | ⊢            | ├            | -            |
|          | 6<br>7                     | H  | ⊢        | -            | ├  | ⊢        | H        | ⊢            | ├            | -            |
|          | 8                          | 片  | ⊢        | -            | ┼  | ⊢        | ┝        | ⊢            | ⊢            | $\vdash$     |
|          | 9                          | 0  | ⊢        | -            | ⊢  | ⊢        | ┢        |              | ⊢            | $\vdash$     |
|          | 10                         | ۲  | $\vdash$ | -            | ├  | -        | -        |              | ⊢            | H            |
|          | 10                         | =  | ⊢        | $\vdash$     | ├  | -        | ├        | ├            | ⊢            | -            |
|          | 10                         | ŀ  | ⊢        | _            | -  | ├        | ├-       | H            | <u> </u>     | L            |
|          | 12                         | <del>-</del>                                     | -        | $\vdash$     | -  | -        | $\vdash$ | $\vdash$     | $\vdash$     | -            |
|          | 13                         | =  | $\vdash$ | <del> </del> | ├  |          |          | <u> </u>     | <del> </del> | $\vdash$     |
|          | 11<br>12<br>13<br>14<br>15 | =  |          | <del> </del> |  |          | -        | <del> </del> | <u> </u>     | Щ            |
|          | 15                         | <u> </u>   | ⊢        | ⊢            | <u> </u>   | <u> </u> | <u> </u> | <u> </u>     | <u> </u>     | Н            |
|          | 16                         | =  | <u> </u> | _            | _  | _        | <u> </u> | <u> </u>     | <u> </u>     | _            |
|          | 17<br>18<br>19             | =  | _        | L_           | <u> </u>   |          |          |              | L            |              |
|          | 18                         | 三  |          | L            | L  | L        | L.       |              | <u>_</u>     |              |
|          | 19                         | =  | _        | 匚            | L  | L        | L        | 匚            | L            |              |
|          | 20                         | -  | <u></u>  |              | $oxed{oxed}$                                     | L        |          | 匚            | 乚            |              |
|          | 21                         | =  | <u>_</u> |              |  | <u></u>  |          | 乚            |              |              |
|          | 22                         | =  |          |              |  |          |          |              |              |              |
|          | 23                         | =  |          |              |  |          |          |              |              |              |
|          | 22<br>23<br>24             | =  |          |              |  |          |          |              |              |              |
|          | 25<br>26                   | =  |          | <u></u>      |  |          |          | L            |              |              |
|          | 26                         | =  |          |              |  |          |          | L            |              |              |
|          | 27                         | =  |          |              |  |          |          |              |              |              |
|          | 28                         | -  |          |              |  |          |          |              |              |              |
|          | 29                         | =  |          |              |  |          |          |              |              |              |
|          | 28<br>29<br>30             | =  | Г        |              | Г  |          |          |              |              |              |
|          | 31                         | =  |          | $\Box$       | Π  | Г        |          |              |              | П            |
|          | 32                         | =  |          |              |  |          |          |              |              |              |
|          | 33                         | =  |          |              |  |          |          |              |              | М            |
|          | 34                         | =  |          |              |  | Г        | Г        | $\vdash$     | T            | М            |
|          | 35                         | =  | П        |              | <u> </u>   | Г        |          | Г            |              | П            |
|          | 36                         | =  |          | Г            | Г  | T        | Г        |              |              | М            |
|          | 37                         |  | П        |              | $\vdash$   |          | Г        |              |              | Н            |
|          | 38                         |  |          | $\Box$       | <u> </u>   |          |          |              |              | П            |
|          | 39                         | П  |          | $\Box$       | <u> </u>   | Г        | Г        |              |              | М            |
|          | 40                         | Г  |          |              |  |          |          |              |              | $\Box$       |
|          | 41                         |  |          |              | Г  |          |          |              |              | М            |
|          | 42                         |  | $\vdash$ |              |  | Г        | Г        |              |              | H            |
|          | 43                         |  |          |              |  |          |          | Т            | Т            | П            |
|          | 44                         |  |          |              |  |          |          | $\vdash$     | H            | $\vdash$     |
|          | 45                         | $\vdash$   | $\vdash$ |              | $\vdash$   | М        | $\vdash$ |              | Н            | $\vdash$     |
|          | 46                         | Н  |          |              | $\vdash$   | Н        | Н        | Н            | Н            | Н            |
|          | 47                         |  |          |              | Н  |          | М        | -            | H            | Н            |
| _        | 48                         |  |          |              | $\vdash$   | $\vdash$ |          |              | $\vdash$     | $\vdash$     |
|          | 49                         |  |          |              | $\vdash$   |          | -        | -            | $\vdash$     | $\dashv$     |
| $\dashv$ | 50                         | $\dashv$   | $\dashv$ |              | -  | $\vdash$ |          | $\vdash$     |              | $\dashv$     |
|          | VV                         |  |          | 1            |  | 1        |          |              |              | , 1          |

| Clain      | , 1      |          |        | _        | _             | Date     | е.  |          |              |              | 1 | Cla   | im       | Γ_       |          |          |          | Date     | <u> </u> |   |          |          |
|------------|----------|----------|--------|----------|---------------|----------|---|----------|--------------|--------------|---|-------|----------|----------|----------|----------|----------|----------|----------|---|----------|----------|
|            |          | 90,      |        |          |               |          | Ī   |          |              |              |   |       |          |          |          |          | Ī        |          |          |   |          |          |
| <u> </u>   | Original | 5/14/06  |        |          |               |          |   |          |              |              |   | Final | Original |          |          |          |          |          |          |   |          |          |
| 工          | 1        | ✓        |        |          |               |          |   |          |              |              | 1 |       | 51       |          |          |          |          |          |          |   |          |          |
|            | 2        | -        |        | L        |               | L.       |   | ļ        | _            | _            |   |       | 52       | Ц        | _        |          |          |          | L        |   |          | Ш        |
| -   -      | 3        | ✓        |        | _        | L             | L_       |   | _        |              |              |   |       | 53       |          | _        | _        |          |          | _        |   | Ш        | Ш        |
|            | 4        | √        |        | _        | <u> </u>      | <u> </u> | _   | <u> </u> | ļ            | ļ            | ļ |       | 54       | Щ        | _        | _        |          |          | _        |   | _        | Щ        |
| - 1        | 5        | 힞        |        | <u> </u> | <u> </u>      | ┝        | L   | <u> </u> |              |              |   |       | 55       |          |          | 4        |          |          | <u> </u> |   | $\vdash$ | $\dashv$ |
|            | 6<br>7   | 0        | _      | -        | -             | _        |   | <u> </u> | <b> </b>     |              |   |       | 56       | $\vdash$ |          | $\dashv$ |          |          | _        |   | _        |          |
|            | 8        | 8        | -      | -        | -             | ├        | ├   | $\vdash$ | ⊢            | ⊢            | ł |       | 57<br>58 | $\vdash$ | $\dashv$ | $\dashv$ |          |          |          |   |          | $\dashv$ |
| +          | 9        | 6        |        | $\vdash$ | ⊢             | ⊢        | H   |          | ┢            | ┝            | 1 |       | 59       | $\vdash$ | $\dashv$ | $\dashv$ |          | -        | _        |   | $\vdash$ | $\dashv$ |
|            | 0        | -        |        | -        | -             | -        | -   | -        | ┝            | ┝            | 1 |       | 60       | H        | $\dashv$ | $\dashv$ |          | -        | _        |   |          | $\vdash$ |
|            | 1        | ┰        |        | $\vdash$ | <del> -</del> |          | $\vdash$  | _        | $\vdash$     | ┢            | 1 |       | 61       | $\vdash$ | 一        | ┪        |          | $\vdash$ |          |   |          | Н        |
|            | 2        | ▔        |        |          |               |          | Г   |          |              |              |   |       | 62       | $\Box$   | $\neg$   | ┪        |          | $\Box$   |          | _ |          | $\Box$   |
| 1          | 3        | =        |        |          |               |          |   |          |              |              | 1 |       | 63       | П        |          |          |          | _        |          |   | _        | Н        |
| 1          | 4        | =        |        |          |               |          |   |          |              |              | 1 |       | 64       | П        | $\neg$   |          |          |          |          |   |          | П        |
| 1          | 5        | =        |        |          |               |          |   |          |              | Г            | 1 |       | 65       |          | 一        |          |          |          |          |   |          |          |
|            | 6        | =        |        |          |               |          |   |          |              |              | ] |       | 66       |          |          |          |          |          |          |   |          |          |
|            | 7        | =        |        |          |               |          |   |          |              |              |   |       | 67       |          |          |          |          |          |          |   |          |          |
|            | 8        | =        |        |          | <u> </u>      |          | <u> </u>  |          | _            |              |   |       | 68       | Ш        |          |          |          |          |          |   |          |          |
| 1          | 9        | =        |        |          | _             | <u> </u> | $ldsymbol{le}}}}}}$ | _        | <u> </u>     | <u> </u>     |   |       | 69       | Ц        | _        |          |          |          |          |   |          | Щ        |
| 2          | 20       | -        |        |          |               | _        |   | _        | <u> </u>     | _            |   |       | 70       | $\Box$   |          | _        |          |          |          |   |          | Ш        |
|            | 21       | =        |        |          | <u> </u>      |          |   | _        | <u> </u>     | ┞.           |   |       | 71       | Ш        | _        | _        |          |          | ldash    |   |          | Щ        |
| 12         | 2        | =        |        |          | _             | _        |   |          | <u> </u>     | <del> </del> |   |       | 72       | $\vdash$ |          | _        |          |          | <u> </u> |   |          | $\dashv$ |
|            | 3        | =        |        |          |               |          |   |          | -            | <del> </del> |   |       | 73<br>74 | $\vdash$ | $\dashv$ |          | _        |          |          |   |          | =        |
|            | 5        | ╗        |        |          |               |          |   |          |              | ┝            |   |       | 75       | Н        | $\dashv$ | -        | -        | _        | $\vdash$ |   |          | -        |
| 15         | 6        | =        | _      | -        |               |          | $\vdash$  | _        | <del> </del> | ┢            |   |       | 76       | $\dashv$ | $\dashv$ | $\dashv$ |          |          |          |   |          |          |
|            | 7        | =        | _      |          | _             |          |   |          | $\vdash$     | ┢            |   |       | 77       | $\vdash$ | -        | $\dashv$ | _        | _        |          |   |          |          |
|            | 8        | -        |        |          |               |          |   |          | _            |              |   |       | 78       |          | 1        | $\dashv$ |          |          |          |   |          |          |
| 1 2        | 9        | =        |        |          |               |          |   |          |              | -            |   |       | 79       |          |          | ┪        |          |          |          |   |          | $\dashv$ |
|            | 0        | =        |        |          |               |          |   |          |              |              | 1 |       | 80       |          | $\neg$   | $\neg$   |          |          |          |   |          | T        |
| 3          | 1        | =        |        |          |               |          |   |          |              |              | 1 |       | 81       |          | $\neg$   | T        |          |          |          |   |          |          |
|            | 2        | =        |        |          |               |          |   |          |              |              |   |       | 82       |          |          |          |          |          |          |   |          |          |
|            | 3        | =        |        |          |               |          |   |          |              |              |   |       | 83       |          |          |          |          |          |          |   |          |          |
|            | 4        | =        |        |          |               |          |   |          |              | _            |   |       | 84       | $\Box$   |          | _        | _        |          |          |   |          |          |
|            | 5        | 릐        |        |          | $\Box$        |          | Ш   |          |              | <u> </u>     |   |       | 85       |          | _        | _        | _        |          |          |   |          |          |
| 13         | 6        | =        |        |          | _             | _        | Н   | _        |              | H            |   | -     | 86       |          |          | $\dashv$ | $\dashv$ |          | -        |   |          |          |
| 1 2        | 7        | -        | _      | _        |               |          |   |          |              |              |   |       | 87<br>88 | $\dashv$ | -        |          | $\dashv$ |          | -        |   | -        | $\dashv$ |
|            | 9        | $\dashv$ | _      | $\vdash$ |               |          | $\vdash$  |          |              | -            |   |       | 89       | -        | $\dashv$ |          | $\dashv$ | _        | _        |   |          | 긤        |
| <b>⊣</b> ∡ | 0        | -        | -      | _        | _             |          | $\vdash$  |          | _            | $\vdash$     |   |       | 90       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          |          |   |          |          |
| 4          | 1        | $\dashv$ | $\neg$ |          |               |          | -   |          |              | -            |   |       | 91       | $\dashv$ | -+       | $\dashv$ | $\dashv$ | _        |          |   |          | $\dashv$ |
|            | 2        | 一        | _      |          |               |          |   | _        | -            | -            | i |       | 92       | $\dashv$ | $\dashv$ | $\dashv$ | 一        |          |          |   |          | $\dashv$ |
|            | 3        |          |        |          |               |          |   |          |              |              |   |       | 93       | _        | _        | $\dashv$ | ┪        |          |          | _ |          | $\dashv$ |
| 4          | 4        |          |        |          |               |          |   |          |              |              |   |       | 94       | $\neg$   | $\dashv$ | ┪        |          |          | _        |   | $\neg$   | $\dashv$ |
| 4          | 5        |          |        |          |               |          |   |          |              |              |   |       | 95       |          |          | T        |          |          |          |   |          | $\neg$   |
| 4          | 6        |          |        |          |               |          |   |          |              |              |   |       | 96       |          |          | ╛        |          |          |          |   |          |          |
|            | 7        |          |        |          |               |          |   |          |              |              |   |       | 97       |          | $\Box$   | J        |          |          |          |   |          |          |
|            | 8        | _        |        |          |               |          |   |          |              |              |   |       | 98       | $\Box$   | $\bot$   | $\Box$   |          |          |          |   |          |          |
| 4          | 9        | 4        |        | _        |               |          |   |          |              |              |   |       | 99       | _        | $\dashv$ | _        | _[       |          |          |   | $\Box$   | _        |
| 5          | 0        |          |        |          | !             |          |   |          |              |              | l | l     | 100      | _1       |          |          |          |          |          |   |          | $\sqcup$ |

| Cl        | aim                                    | Date     |  |          |            |                                     |              |              |              |                 |
|-----------|--|----------|--|----------|------------|-------------------------------------|--------------|--------------|--------------|-----------------|
|           |  | $\vdash$ |  |          | т-         | J 3 (1                              | ř            | Г            | г            | М               |
| Final     | Original                               |          |  |          |            |                                     |              |              |              |                 |
|           | 101                                    |          |  |          |            |                                     |              |              |              |                 |
|           | 102<br>103<br>104<br>105               |          |  |          |            |                                     |              |              |              |                 |
|           | 103                                    |          |  | <u> </u> | 匚          | <u></u>                             | L.           | <u> </u>     |              |                 |
|           | 104                                    |          |  | <u> </u> | _          | _                                   | L            | <u> </u>     | <u> </u>     | Ш               |
|           | 105                                    | ļ        |  | <u> </u> | <u> </u>   | _                                   | <u> </u>     |              |              | Ш               |
|           | 106                                    | ┡        | ├  | <u> </u> | <u> </u>   | _                                   |              | $\vdash$     | _            | <b> </b>        |
|           | 107<br>108                             | _        | -  | ┝        | ⊢          |                                     | ┝            |              | -            | Н               |
|           | 100                                    | _        |  | -        | ╁          | -                                   |              | -            | $\vdash$     |                 |
|           | 110<br>111<br>112                      | Н        | $\vdash$   | $\vdash$ | _          |                                     | -            |              | -            | Н               |
|           | 111                                    | _        |  |          | -          | · ·                                 | -            | -            | $\vdash$     | М               |
|           | 112                                    | Г        | $\vdash$   | -        | İ          |                                     |              |              | $\vdash$     | П               |
|           | 113                                    |          |  |          | Г          | Т                                   |              | Г            |              |                 |
|           | 114                                    |          |  |          |            |                                     |              |              |              |                 |
|           | 114<br>115                             |          |  |          |            |                                     |              |              |              |                 |
|           | 116<br>117                             |          | L  |          |            |                                     | Ĺ            |              |              |                 |
|           | 117                                    | _        | <u> </u>   | _        | L          |                                     | _            | L            | _            | Ш               |
|           | 118                                    | <u> </u> | $ldsymbol{f eta}$                                | _        | <u> </u>   | 1_                                  | <u> </u>     | L            |              |                 |
|           | 119                                    | _        | <u> </u>   | _        | ╙          | <u> </u>                            | _            | _            | _            | Ш               |
|           | 120                                    |          | <u> </u>   | L        | L          | <u> </u>                            | ┡            |              | ┝            | Ш               |
|           | 121                                    | _        |  | <u> </u> | ├-         | _                                   | <u> </u>     | -            | ├—           | Н               |
|           | 122                                    | _        | <del> </del>                                     | ├        | ├—         | ⊢                                   | ⊢            | -            | -            | Н               |
|           | 121<br>122<br>123<br>124<br>125<br>126 | -        | _  | $\vdash$ | ├─         | $\vdash$                            | <del> </del> | $\vdash$     | ⊢            | -               |
|           | 125                                    |          | <del>                                     </del> | $\vdash$ | -          | ┢                                   | ┢            | ┢            | -            |                 |
|           | 126                                    | _        | ┰  | $\vdash$ |            | _                                   |              | -            |              |                 |
|           | 127<br>128<br>129                      |          |  | T        | <u> </u>   | $\vdash$                            |              | _            | $\vdash$     | Н               |
|           | 128                                    |          |  |          |            |                                     |              | Г            |              |                 |
|           | 129                                    |          |  |          |            |                                     |              |              |              |                 |
|           | 130<br>131                             |          |  |          |            |                                     |              |              |              |                 |
|           | 131                                    |          |  |          |            | 匚                                   |              |              |              |                 |
|           | 132<br>133                             |          |  | <u> </u> | lacksquare | _                                   |              | L            | <u> </u>     |                 |
|           | 133                                    | _        | _  | <u> </u> | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |              |              |              | Щ               |
|           | 134                                    |          | <u> </u>   | <u> </u> | <u> </u>   | $\vdash$                            | <u> </u>     | L.           | <u> </u>     | dash            |
|           | 135<br>136                             |          | <u> </u>   | ├—       | ⊢          | -                                   | <u> </u>     | <u> </u>     | <del> </del> | $\dashv$        |
|           | 137                                    |          | -  | ⊢        | ⊢          | $\vdash$                            |              | H            |              | $\vdash \vdash$ |
| $\dashv$  | 138                                    | _        | -  | $\vdash$ | $\vdash$   | $\vdash$                            | <del> </del> | <del> </del> | $\vdash$     | $\vdash \vdash$ |
| $\dashv$  | 138<br>139                             | _        |  | 1        |            |                                     | ۲            | ├            |              | $\vdash \vdash$ |
| $\exists$ | 140                                    | _        |  | _        | $\vdash$   | <u> </u>                            | <u> </u>     |              |              | $\vdash$        |
|           | 141                                    |          |  | Г        | $\vdash$   | П                                   |              |              |              | $\sqcap$        |
|           | 142                                    |          |  |          |            |                                     |              |              |              |                 |
|           | 143                                    |          |  |          |            |                                     |              |              |              |                 |
|           | 144                                    |          |  |          |            |                                     |              |              |              |                 |
|           | 145                                    |          |  |          |            |                                     |              |              |              |                 |
|           | 146                                    |          |  | L        |            | Ш                                   |              | oxdot        |              |                 |
|           | 147                                    | Щ        |  | _        | _          | Ш                                   | Щ            |              |              | Ш               |
| _         | 148                                    |          |  |          |            |                                     | Щ            | Щ            |              | Щ               |
| _         | 149                                    | _        | Щ  | H        | H          | Щ                                   | $\vdash$     | $\vdash$     |              | $\Box$          |
|           | 150                                    |          |  | L        |            |                                     |              |              |              |                 |